Manhole Inspection Summary N			Ma	anhole	ИΗ
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Inspection	☐ Is Incomplete	Rating: 3) Fair			
Record Plat: 57	7K Node: 015	Status: Found		Insp Date: 2/6/09 9:06	AM
Incomplete Comments				Crew: REI	
				Inspector: paulfry	
				Firm: ATS	
Location	Address: 3916 FOST	ER-FAIT-ALLEY		Cross Street: S GRUNDY ST	
Manhole	Type: Junction L	ocation: Alley		Ground Conditions: Dry	
	☐ Prev. Rehab V	Weather: Dry	5	Subject To Ponding: Sheeting	
Comments	REMOVED COVER BY CUTTING AN EXPANSION GAP THROUGH THE CENTER OF THE LID. WAS THEN ABLE TO FORCEABLY REMOVE WITH DIGGING BAR AND 16LB MAUL.				
Cover	Shape: Circular	Diameter: 24	(in.) Lengt	th: 0 (in.) Dist A/B Grade: 0	(in.)
	Type: Sanitary	Condition: Soul	nd	Cover Material: Cast Iron	
Properties:	☐ Bolted ☐ Vente	d	☐ Water T	ight Insert	
Frame Offset: 3 (in.) Condition: ✓ Sound ☐ Cracked ☐ Leaks					
Chimney / Frame Adjustment					
Condition: Sound Cracked Root Intrusion Loose Brick Deteriorated					
Infiltration:	✓ None ☐ Joint	☐ Cracks ☐ Mortar	Roots	☐ Wall	
Corbel	Material: Brick	☐ Parge	ed Type:	Concentric/Eccentric	
Condition:	✓ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated				
Infiltration:	□ None □ Joint □ Cracks ☑ Mortar □ Roots □ Wall				
Barrel	Material: Brick Parged				
Shape: Circular Diameter: 42 (in.) Length: 0 (in.)					
Condition:	✓ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated				
Infiltration:	☐ None ☐ Joint	☐ Cracks ✓ Mor	tar 🗌 Ro	ots 🗌 Wall	
Bench	✓ Exists Material: B	rick	☐ Parge	d	
Condition:	✓ Sound ☐ Cracke	d Root Intrusion	☐ Deteri	orated Leaks Debris	
Channel	Material: Brick				
Channel Exposure: Fully Open Junc Dist: 0 nearest .5 ft. Azimuth: 0					
Condition:	✓ Sound ☐ Cracke	d Root Intrusion	☐ Deteri	orated Leaks Debris	
Steps	Count: 6 Missing: 0 Corroded				
Surcharge	☐ Evidence Of Surcharge Depth: 0 (ft.) ☐ Active Surcharge Present				

Manhole # S57K__015MH

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Location View



MISC.



REPLACED DAMAGED COVER

MISC.



CUT INTO COVER TO BE ABLE TO FORCEABLY REMOVED FOR INSPECTION

Top View



MISC.



INFLOW EVIDENCE FROM SHEETING

MISC



DAMAGED OLD COVER

Manhole # S57K__015MH

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Defect 5

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INFILTRATION @ CORBEL MORTAR

Defect 3



DETERIORATED CHIMNEY

Defect 1



Defect 4



INFILTRATION @ BARREL MORTAR

Defect 2

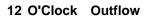


CRACKED CHIMNEY BRICK

Manhole # S57K 015MH

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8 in. Circular Gravity Sewer Pipe Out @ 12 OClock





Pipe Height: 8.4 (in.) Rod and Bar (Angled)

Pipe Material: Clay

☐ Pipe Lined

Invert Depth: 10.90 (ft.) Flow Characteristics: Slow

Deposits: ✓ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: 0 Deposits Extent: (in.)

Infiltration: Evidence Pipe Seal Cond: Sound Drop: None

Connects To: Manhole

Possible Illicit Connection

6 in. Circular Gravity Sewer Pipe In @ 3 OClock





(in.) Rod and Bar (Angled) Pipe Height: 6

(in.)

Pipe Material: Clay

Silt Depth: 0

☐ Pipe Lined

Invert Depth: 10.45 (ft.) Flow Characteristics: Slow

Deposits Extent:

Connects To: House connection / Service

line

Infiltration: None Pipe Seal Cond: Sound Possible Illicit Connection

Drop: None

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6 O'Clock Inflow

8 in. Circular Gravity Sewer Pipe In @ 6 OClock



Pipe Height: **8.4** (in.) Rod and Bar (Angled)
Pipe Material: **Clay**

Invert Depth: 10.75 (ft.) Flow Characteristics: Slow

Deposits: ✓ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: **0** (in.) Deposits Extent:

Infiltration: **Evidence** Pipe Seal Cond: **Sound**

Drop: None

Connects To: Manhole

Possible Illicit Connection

8 in. Circular Gravity Sewer Pipe In @ 9 OClock



Pipe Height: **8.4** (in.) Rod and Bar (Angled)

Pipe Material: Clay

Invert Depth: 9.14 (ft.) Flow Characteristics: Slow

Deposits: ✓ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: **0** (in.) Deposits Extent:

Infiltration: Evidence Pipe Seal Cond: Sound

9 O'Clock Inflow

Drop In @ 9 OClock



Drop: Outside Rod and Bar

Angled: **Yes** Reading: **9.84** (ft.)

Inv Depth: 10.84 (ft.)

Drop Condition: Open

Connects To: Manhole

Possible Illicit Connection